

**REMARKS****Summary Of The Office Action**

Claims 1 and 5 stand rejected under 35 U.S.C § 102(b) as being anticipated by Kimura (JP 2000-193936).

Claim 1 stands rejected under 35 U.S.C. § 102(e) as being anticipated by Ozawa et al. (US 6,462,724).

Claim 4 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Kimura in view of Kurihara et al. (US 5,854,627).

Claims 4 and 5 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Ozawa et al. in view of Kurihara et al.

Claims 1, 4, and 5 stand rejected under 35 U.S.C. § 112, first paragraph, as allegedly failing to comply with the enablement requirement.

Claims 9, 12, and 13 stand rejected under 35 U.S.C. § 112, first paragraph, as allegedly being based upon a disclosure which is not enabling.

Claims 9, 12, and 13 stand rejected under 35 U.S.C. § 112, second paragraph, as allegedly lacking antecedent basis.

Applicant thanks the Examiner for the indication that claims 6, 8, 14, 16, and 17 are allowed.

**Summary of the Response to the Office Action**

Applicant has amended claims 1 and 9 to further define the invention, and amended claim 16 to correct a minor informality. In addition, claims 2-4, 7, 10, 11, 13, and 15 are canceled. Accordingly, claims 1, 5, 6, 8, 9, 12, 14, 16, and 17 are presently pending for consideration.

**All Claims Comply With 35 U.S.C. § 112**

Claims 1, 4, and 5 stand rejected under 35 U.S.C. § 112, first paragraph, as allegedly failing to comply with the enablement requirement. Specifically, the claimed features recited by claim 1 are not considered by the Office to be adequately described in the specification.

Accordingly, Applicant has amended independent claim 1 to recite, in part, “a first gamma power unit outputting a first gamma voltage...,” and “a second gamma power unit outputting a second gamma voltage...” Thus, Applicant respectfully asserts that claims 1, 4, and 5 comply with the enablement requirement, and respectfully request that the rejection of claims 1 and 5 under 35 U.S.C. § 112, first paragraph, be withdrawn.

Claims 9, 12, and 13 stand rejected under 35 U.S.C. § 112, first paragraph, as allegedly being based upon a disclosure which is not enabling. Accordingly, Applicant has amended independent claim 9 in accordance with the Examiner’s suggestions. Specifically, independent claim 9 has been amended to incorporate the features of now-canceled claim 13. Thus, Applicant respectfully asserts that independent claim 9, and hence dependent claim 12, comply with the requirements of 35 U.S.C. § 112, first paragraph, and respectfully request that the rejection of claims 9 and 12 under 35 U.S.C. § 112, first paragraph, be withdrawn.

Claims 9, 12, and 13 stand rejected under 35 U.S.C. § 112, second paragraph, as allegedly lacking antecedent basis. Specifically, claim 9 recites “the selected voltage.” Accordingly, Applicant has amended independent claim 9 to recite the features of claim 13 to recite “buffering one of first and second gamma voltages,” and “outputting the buffered voltage to the source driving circuit.” Thus, Applicant respectfully asserts that independent claim 9, and hence dependent claim 12, comply with the requirements of 35 U.S.C. § 112, second paragraph,

and respectfully request that the rejection of claims 9 and 12 under 35 U.S.C. § 112, second paragraph, be withdrawn.

**All Claims Define Allowable Subject Matter**

Claims 1 and 5 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Kimura (JP 2000-193936), claim 1 stands rejected under 35 U.S.C. § 102(e) as being anticipated by Ozawa et al. (US 6,462,724), claim 4 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Kimura in view of Kurihara et al. (US 5,854,627), and claims 4 and 5 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Ozawa et al. in view of Kurihara et al. Applicant respectfully traverses these rejections as being based upon references that neither teach nor suggest the novel combination of features recites in independent claims 1 and 9, and hence dependent claims 4, 5, 12, and 13.

Initially, Applicant respectfully asserts that claims 9, 12, and 13 have not been rejected under any sub-sections of 35 U.S.C. §§ 102 and 103. Accordingly, Applicant respectfully requests clarification with regard to patentability of claims 9, 12, and 13 over the prior art of record. Specifically, Applicant respectfully requests a clear indication in the next Communication from the Office as to the patentability of claims 9, 12, and 13 over the prior art of record.

In addition, based upon the lack of rejections of claims 9, 12, and 13 over the prior art of record in the Office Action, Applicant respectfully requests that, in the event that the Examiner rejects any of claims 9, 12, and 13 in a next subsequent Office Action, the next Office Action cannot be made final. Specifically, since the grounds for rejection of claims 9, 12, and 13 under 35 U.S.C. § 112, first and second paragraphs, do not render claims 9, 12, and 13 *unexamined* in view of the prior art of record, Applicant logically concludes that claims 9, 12, and 13 recite

allowable subject matter. Thus, Applicant respectfully asserts that future examination of claims 9, 12, and 13 in view of the prior art of record cannot be made final in order for Applicant to have a fair opportunity to address any such rejections.

Independent claim 1, as amended, recites a gamma reference voltage generating circuit in a liquid crystal display including, at least, “a first gamma power unit outputting a first gamma voltage driving the liquid crystal display in a reflective driving mode” and “a second gamma power unit outputting a second gamma voltage driving the liquid crystal display in a transmissive driving mode,” wherein “the switching unit is synchronized with a backlight source of the liquid crystal display.” Similarly, independent claim 9, as amended, recites a liquid crystal display device including, in part, “a first output unit receiving the first voltage and producing a first gamma voltage driving the liquid crystal display panel in a reflective driving mode” and “a second output unit receiving the second voltage and producing a second gamma voltage driving the liquid crystal display panel in a transmissive driving mode.”

In contrast to Applicant’s claimed invention, Applicant respectfully asserts that Kimura is completely silent with regard to the potential selection circuitry 47 being “synchronized with a backlight source of the liquid crystal display,” as required by amended independent claim 1. Likewise, Applicant respectfully asserts that Ozawa et al. is completely silent with regard to the switching means 5306, in FIG. 22, being “synchronized with a backlight source of the liquid crystal display,” as required by amended independent claim 1.

For the above reasons, Applicant respectfully asserts that the rejections under 35 U.S.C. §§ 102(b) and 103(a) should be withdrawn because neither Kimura, Ozawa et al., and/or Kurihara et al., whether taken singly or combined, either teaches or suggests the novel

combination of features recited in amended independent claims 1, 9, and 14, and hence dependent claims 4, 5, 12, 13, 16, and 17.


**CONCLUSION**

In view of the foregoing, Applicant respectfully requests reconsideration and timely allowance of the pending claims. Should the Examiner believe that there are any issues outstanding after consideration of this response, the Examiner is invited to contact Applicant's undersigned representative to expedite prosecution.

If there are any other fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-0310. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

By:   
David B. Hardy  
Reg. No. 47,362

Dated: May 24, 2005

**Customer Number: 009629**  
MORGAN, LEWIS & BOCKIUS LLP  
1111 Pennsylvania Avenue, N.W.  
Washington, DC 20004  
202-739-3000